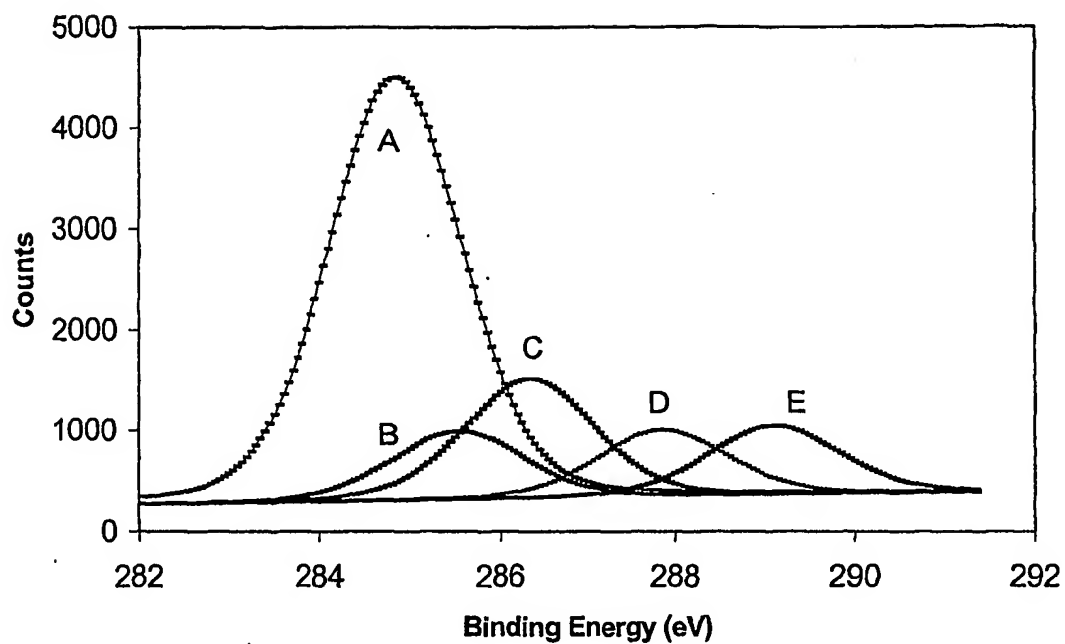


Figure 1

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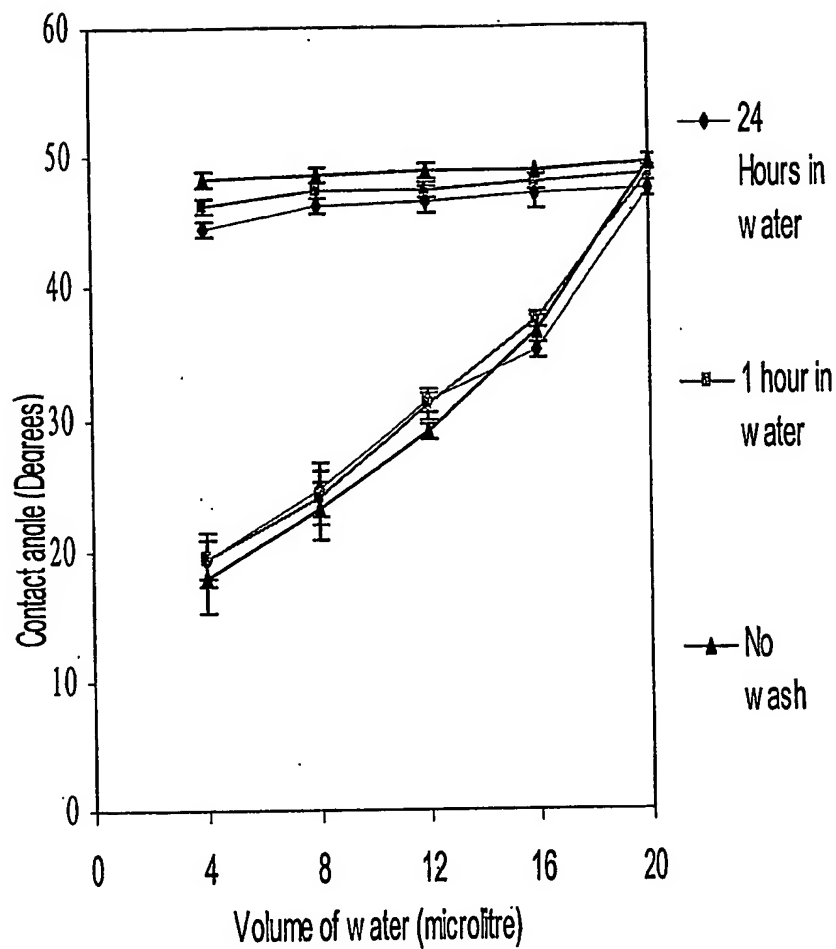
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Figure 2

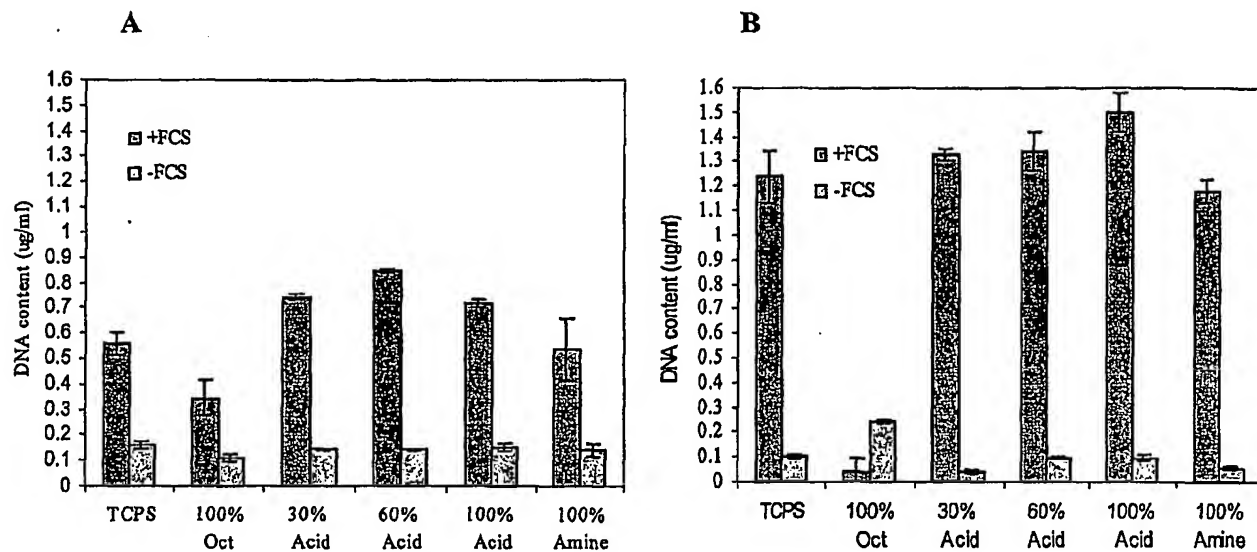
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3 days

7 days

DNA content (DNA assay)



Cell Viability (MTT-ESTA assay)

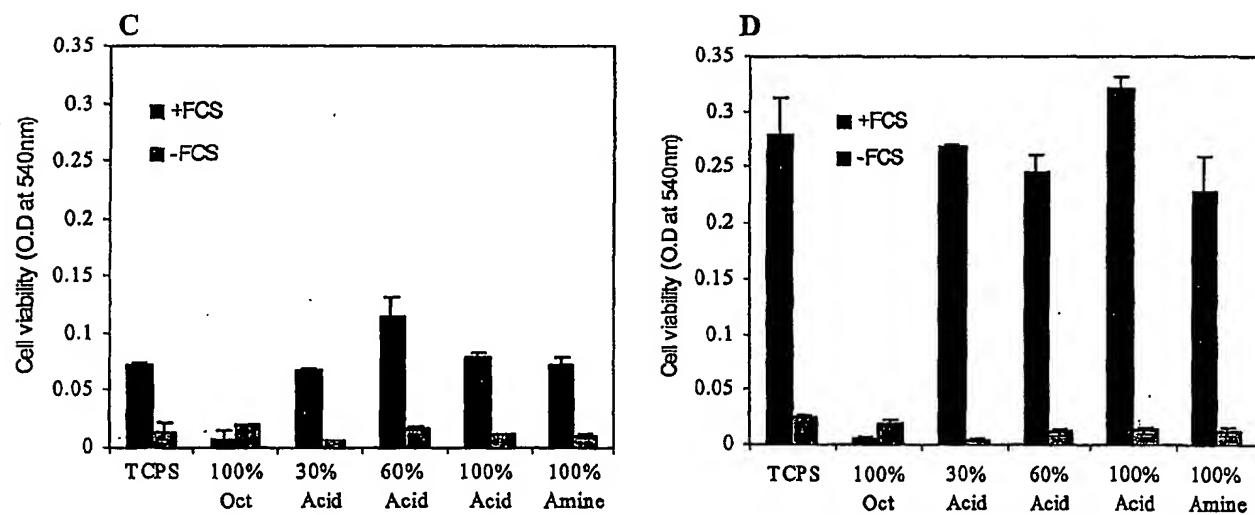


Figure 3

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Figure 4

5 A



B



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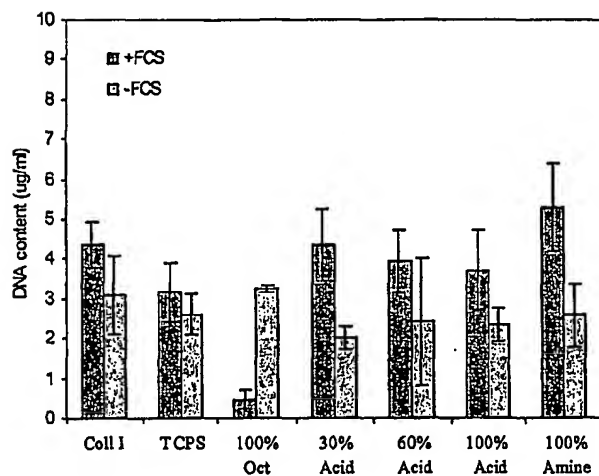
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24 Hours

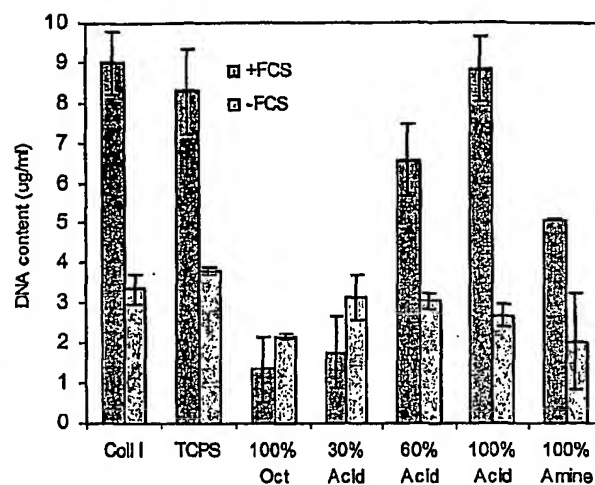
6 Days

DNA content (DNA assay)

A

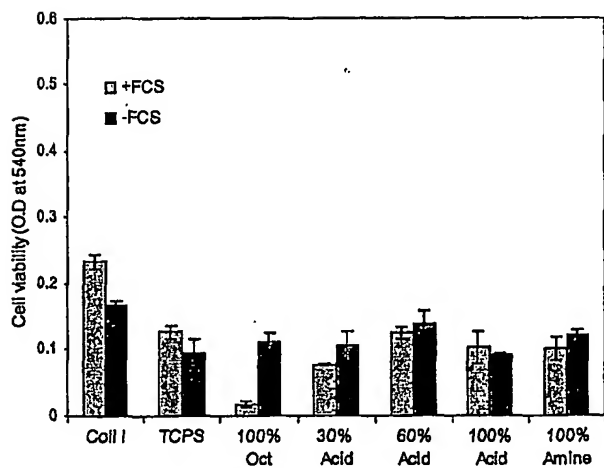


C



Cell Viability (MTT-ESTA assay)

B



D

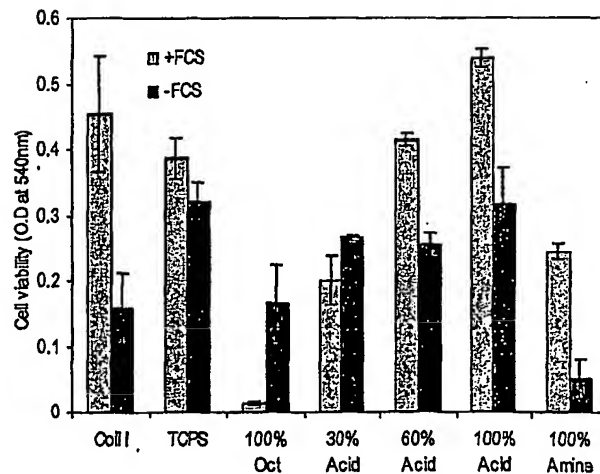


Figure 5

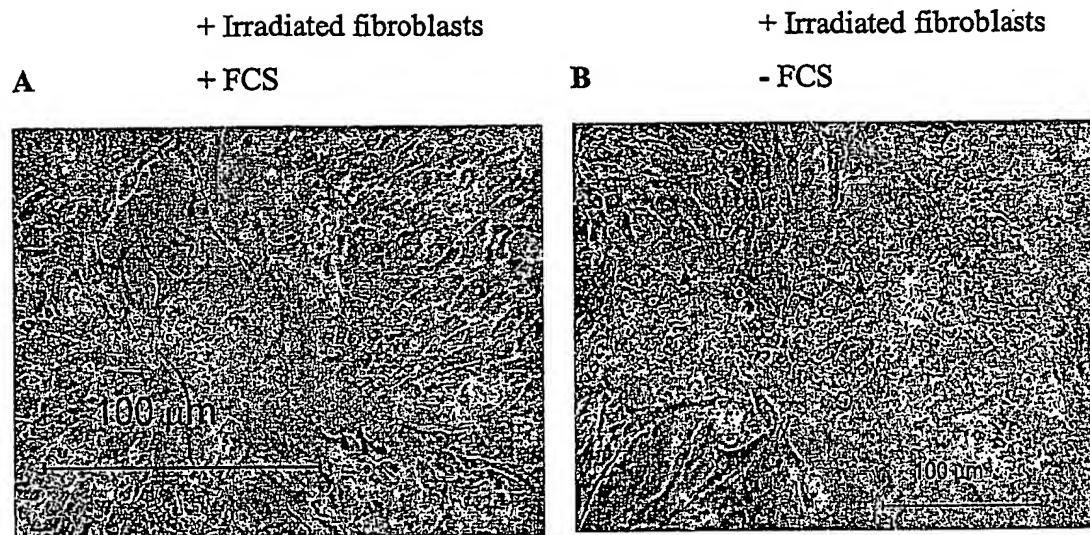


Figure 6

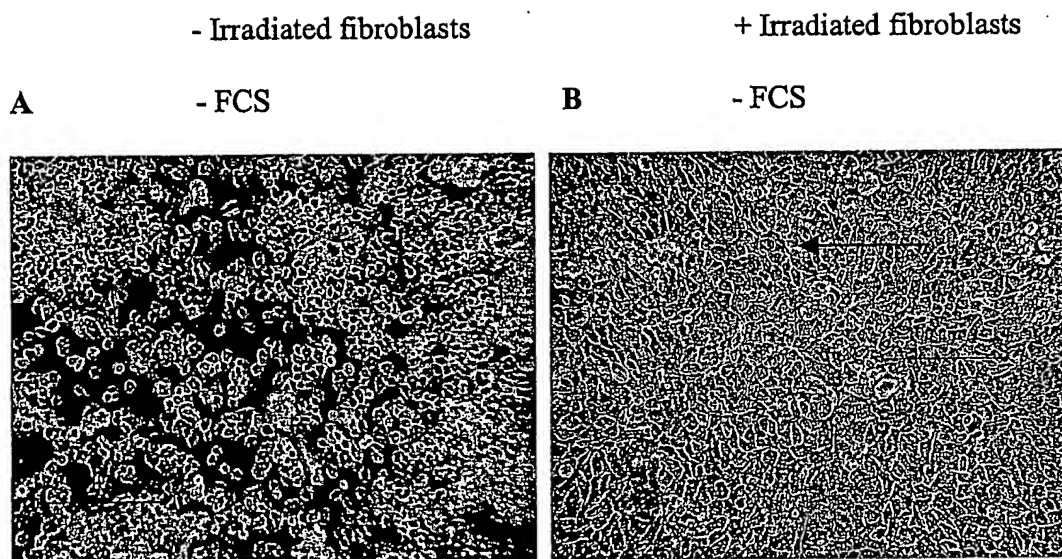


Figure 7

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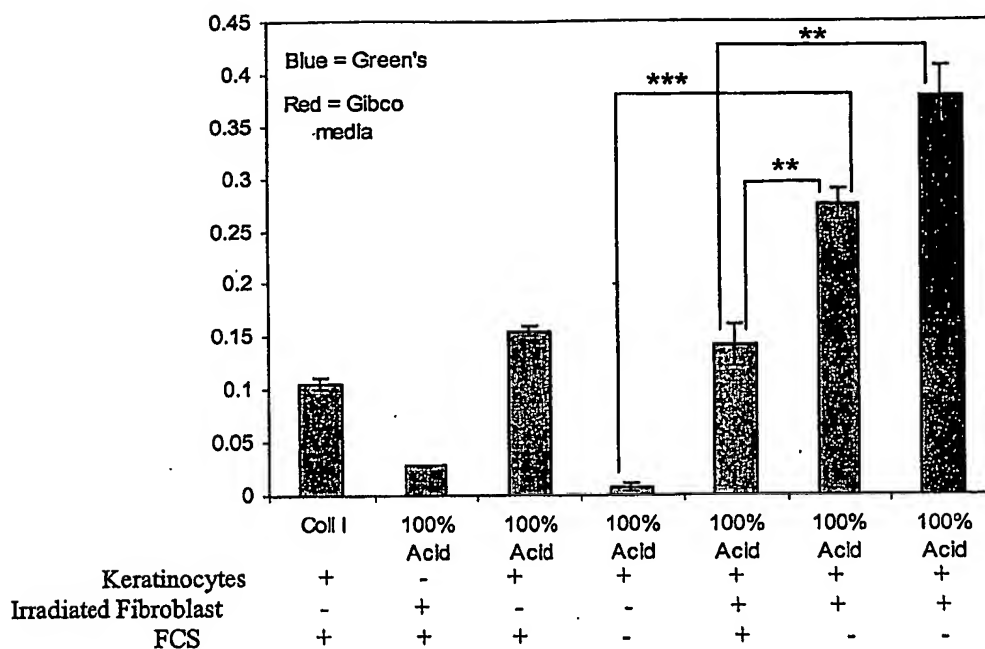


Figure 8A

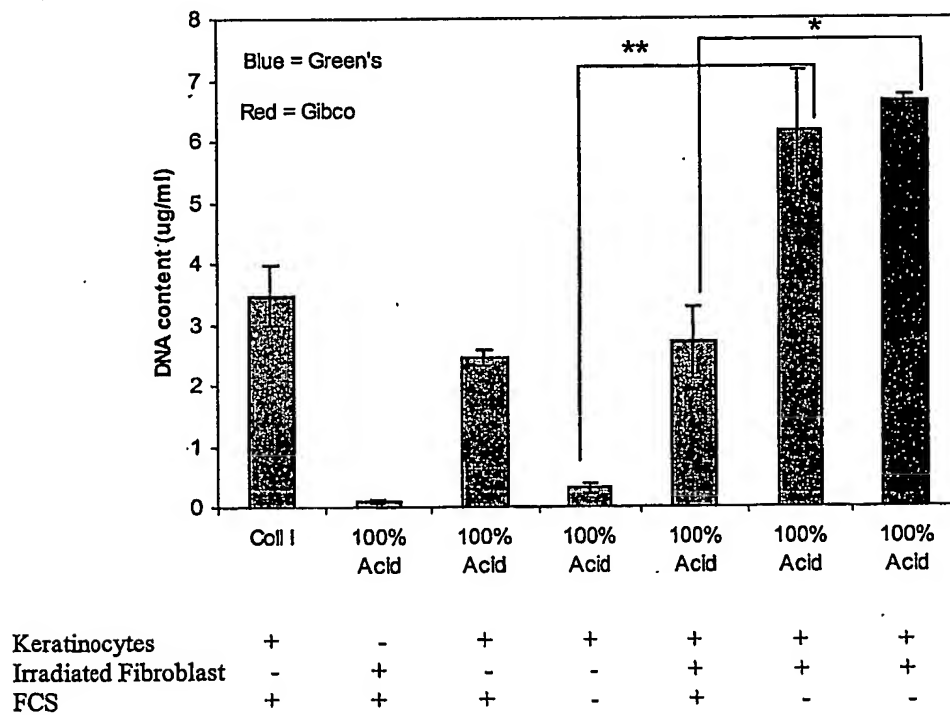


Figure 8B

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Figure 9

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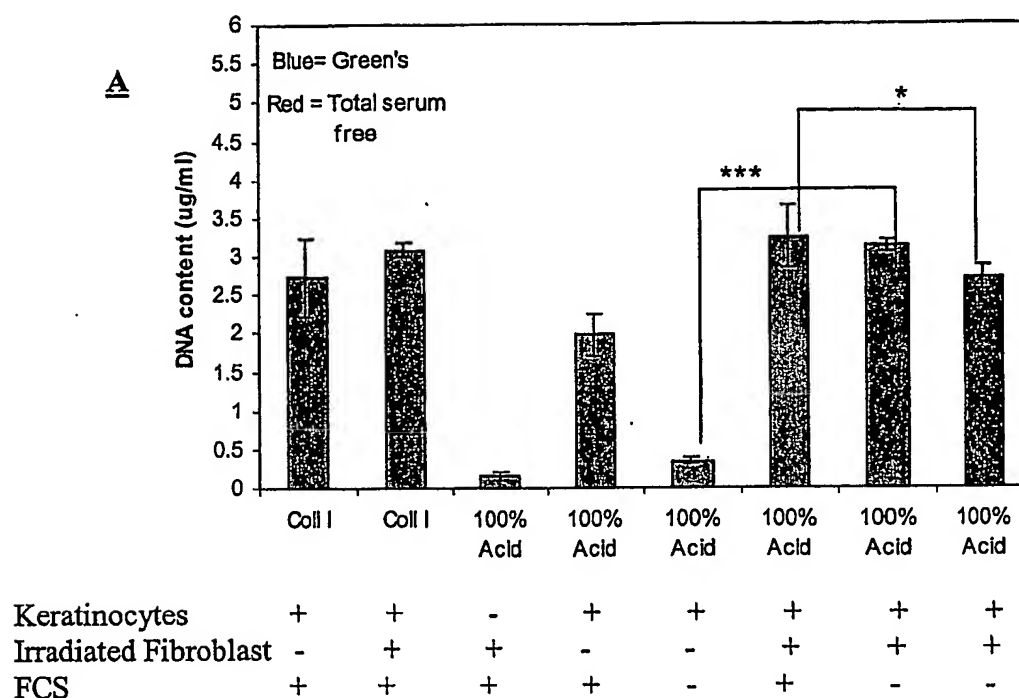
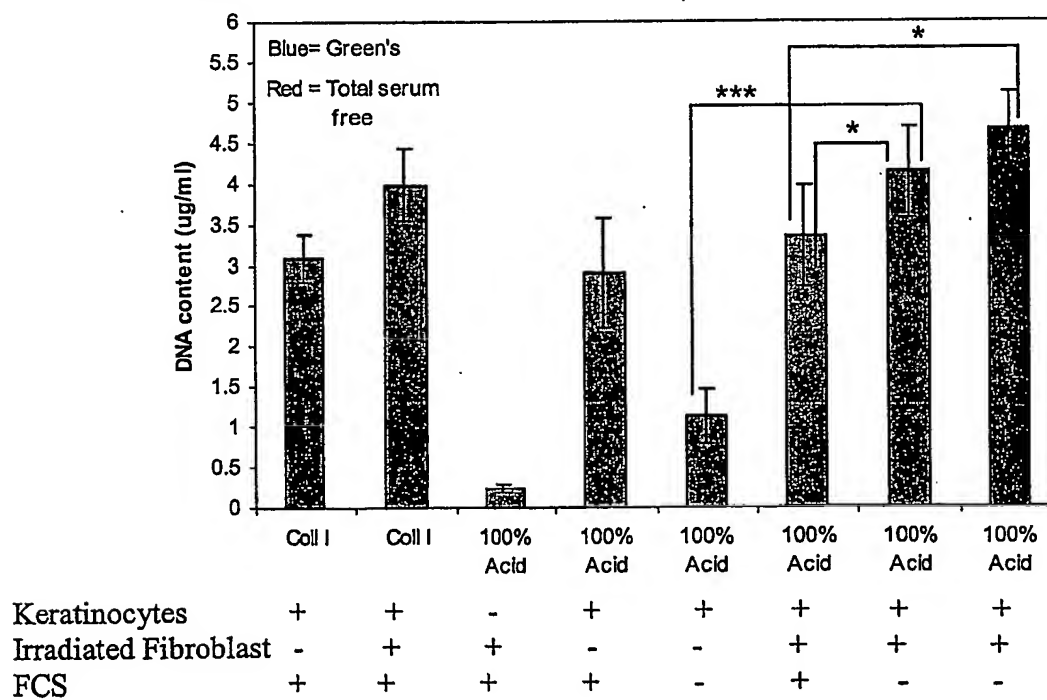
**B (Day 6)**

Figure 10

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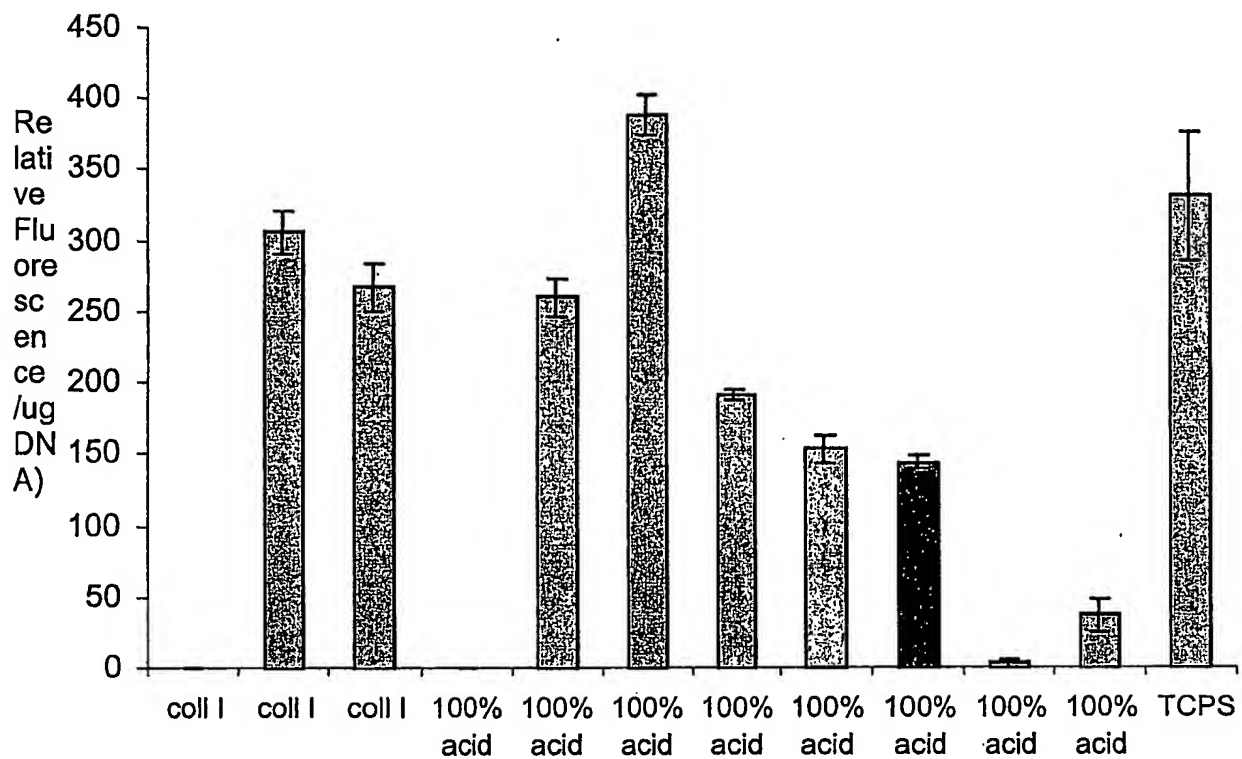
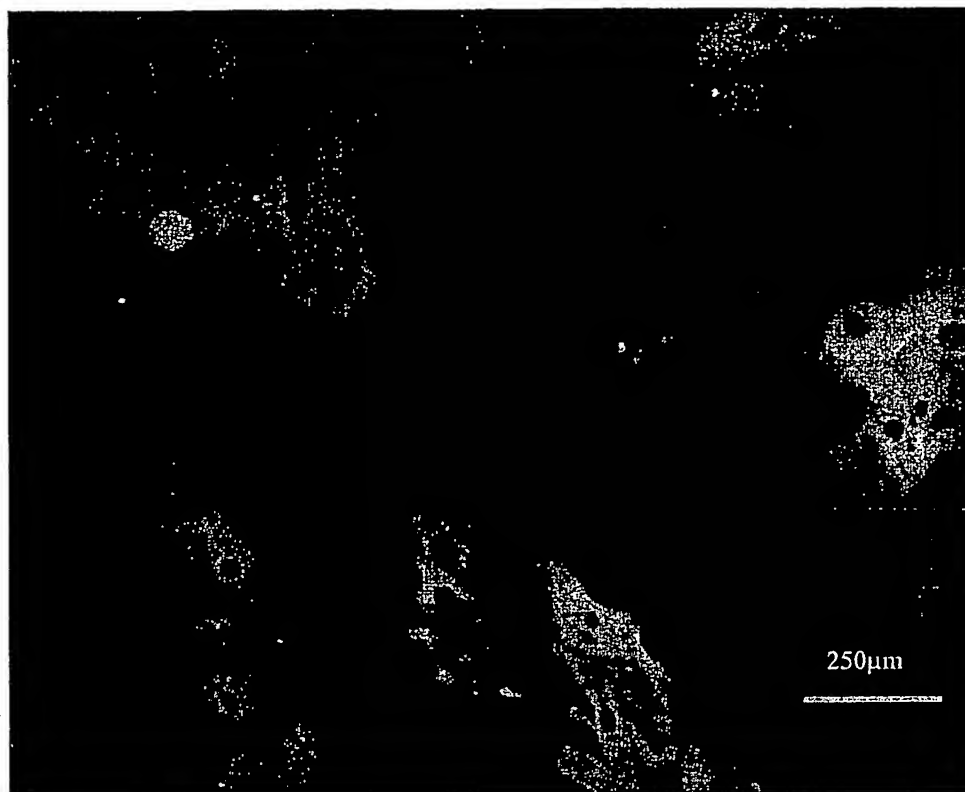
10/525 639
Rec'd PCT/PTO 22 FEB 2005Involucrin assay at Day 6

Figure 11

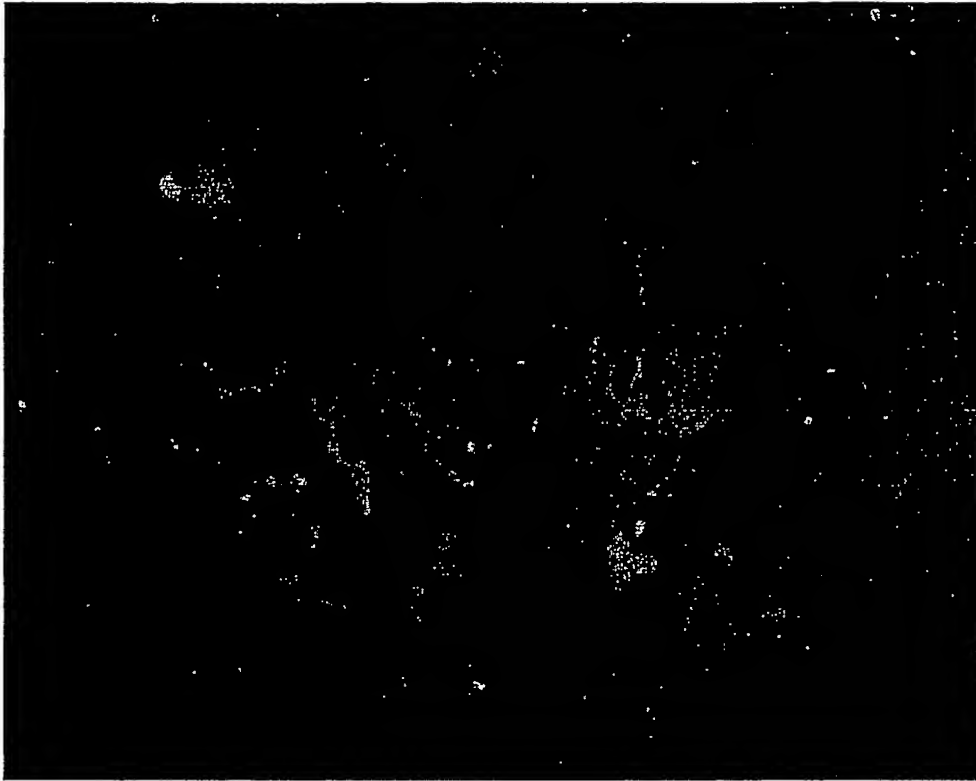


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Figure 12



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F_{as}/F_{tot}	O/C ratio	Percentage of functionality in the C 1s core level			
		C-C, C-H	C-OH/R	C=O	COOH/R
0	0.13	91.9	6.6	1.6	---
0.3	0.12	85.6	8.7	2.2	1.5
0.6	0.19	75.1	13.1	4.9	3.5
1.00	0.39	55.7	17.4	9.2	9.2

Table 1

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F_{aa}/F_{tot}	O/C ratio	N/C ratio	Percentage of functionality in the C 1s core level			
			C-C / C-H	C-NR ₂ (C-OR)	C=N	CNO
1.00	0.09	0.22	58.9	17.9	17.7	5.4

Table 2

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